BAIZED AL BASHER

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Summary

CSE undergraduate at BUBT (Dean's Award 2025) with hands-on experience in software development, academic project delivery, and peer tutoring. Seeking a **Teaching Assistant** role to support faculty in lab supervision, grading, and tutorial facilitation for undergraduate CSE courses.

Education

B.Sc. in Computer Science and Engineering 2024 – 2028
Bangladesh University of Business and Technology (BUBT), Dhaka
*Current CGPA: **3.88/4.00*** — *Dean's Award recipient (2025) for outstanding academic performance.*

Higher Secondary Certificate (HSC) – Science 2020 – 2022
Dhaka Commerce College, Dhaka

Teaching & Academic Experience

Academic Tutor – SSC & HSC 2024 – Present
Private Coaching Centre, Savar, Dhaka

- Tutor SSC and HSC students in Science and Mathematics, focusing on exam preparation and concept clarity.
- Design practice sets and revision materials aligned with the national curriculum and board exam patterns.

Peer Tutor – Programming & CSE Courses 2024 – Present
Bangladesh University of Business and Technology (BUBT)

- Assist peers with Java, Python, and C++ coursework covering data structures, OOP, and algorithm design.
- Support lab sessions through debugging guidance, code review, and project implementation feedback.

IUPC Competitive Programming Participant 2024
Inter-University Programming Contest, Bangladesh

- Represented BUBT; strengthened C++ and Java proficiency through structured algorithmic preparation.

Academic & Technical Projects

Inventory Management System (IMS) 2025
Python, MySQL, Algorithm Design

- Developed a Python application for inventory tracking, stock management, and sales record integration.
- **AI/Algorithm Module:** Implemented demand-forecasting logic using moving-average and trend algorithms to predict future product demand and calculate required supply levels — reducing manual estimation effort.

University Management System (UMS) Apr 2026
Java, AWT, Swing, MySQL

- Built a full-featured desktop GUI application using Java AWT & Swing to manage student records, faculty data, course registration, and fee processing.
- Integrated a MySQL backend for persistent data storage with dynamic search and report generation features.

Block Blast Game 2024
C

- Console-based puzzle game in C; used as a peer teaching aid to introduce programming fundamentals.

Skills

Programming	Java, Python, C++, C, SQL
Web & Tools	HTML, CSS, JavaScript, Git, MySQL, NetBeans
TA Competencies	Lab Supervision, Tutorial Facilitation, Grading, Code Review, Peer Mentoring
Professional	Technical Writing, Academic Communication, Problem-Solving, Teamwork
Languages	Bengali (Native), English (Fluent)

Achievements

Dean's Award – BUBT 2025
Awarded for outstanding academic performance with a CGPA of **3.88/4.00**.

IUPC Participation Certificate 2024
Inter-University Programming Contest representative, BUBT.

References

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References available to verify upon request.